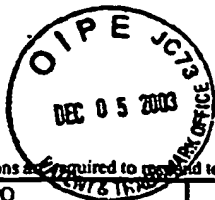


Please type a plus sign (+) inside this box → (+)



PTO/SB08A (08-03)

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 1

COMPLETE IF KNOWN

Application Number	10/687,381
Confirmation Number	
Filing Date	October 16, 2003
First Named Inventor	Robert Lee Barcus
Group Art Unit	
Examiner Name	
Attorney Docket Number	9388

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		US- 4,603,176	07/29/1986	Bjorkquist et al.	
		US- 4,981,557	01/01/1991	Bjorkquist et al.	
		US- 5,008,344	04/16/1991	Bjorkquist	
		US- 5,085,736	02/04/1992	Bjorkquist	
		US- 5,138,002	08/11/1992	Bjorkquist	
		US- 6,130,303	10/10/2000	Neff et al.	
		US- 6,149,769	11/21/2000	Mohammadi et al.	
		US- 6,281,291 B1	08/28/2001	Bazaj et al.	
		US- 6,322,665 B1	11/27/2001	Sun et al.	
		US- 6,494,990 B2	12/17/2002	Bazaj et al.	
		US- 2002/0104633 A1	08/08/2002	Sun et al.	
		US- 2003/0022568 A1	01/30/2003	Branham et al.	
		US- 2003/0026963 A1	02/06/2003	Chang et al.	
		US- 2003/0032352 A1	02/13/2003	Chang et al.	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
		WO 02/101144 A1	12/19/2002	Kruger et al.		
		WO 01/36491 A1	05/25/2001	Gorzynski et al.		
		WO 01/38638 A1	05/31/2001	Shannon et al.		
EXAMINER			DATE CONSIDERED 9/14/2005			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO-SB08

(Revised for P&G use 10/8/2003)